

This permit originally issued to Emery Energy, now owned by Town Oil Co.

Missouri Oil and Gas Council

Form OGC-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL ☒

DEEPEN ☐

PLUG BACK ☐

for an oil well ☒

or gas well ☐

NAME OF COMPANY OR OPERATOR Town Oil Co.

DATE 12/6/85

Route 4

Paola

KS

66071

Address

City

State

DESCRIPTION OF WELL AND LEASE

Name of lease

Asjes

Well number

C-10

Elevation (ground)

1083

WELL LOCATION

(give footage from section lines)

577

ft. from (N) (9) sec. line

159

ft. from (E) (10) sec. line

WELL LOCATION

Section 4

Township 46N

Range 33W

County

CASS

Nearest distance from proposed location to property or lease line:

_____ feet

Distance from proposed location to nearest drilling, completed or applied for well on the same lease:

191 feet

Proposed depth

680

Drilling contractor, name & address

Rotary or Cable Tools

Approx. date work will start

see note

Number of acres in lease

110

Number of wells on lease, including this well, completed in or drilling to this reservoir: _____

Number of abandoned wells on lease: _____

If lease, purchased with one or more wells drilled, from whom purchased:

Name _____

No. of Wells: producing _____

Address _____

injection _____

inactive _____

abandoned _____

Status of Bond

Single Well ☐ Amt. _____

Blanket Bond ☒

Amt. 20,000

☒ ON FILE

☐ ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed casing program:

amt.	size	wt./ft.	cem.
<u>20</u>	<u>7"</u>	<u>30#</u>	<u>no</u>
<u>660</u>	<u>2-3/8</u>	<u>4.5</u>	<u>yes</u>
_____	_____	_____	_____
_____	_____	_____	_____

Approved casing -- To be filled in by State Geologist

amt.	size	wt./ft.	cem.
<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
_____	_____	_____	_____
_____	_____	_____	_____

I, the undersigned, state that I am the Partner of the Town Oil (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

Lesly Town

Permit Number: 20208

Approval Date: 12/6/85

Approved By: Wallace B. Hume

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401

One will be returned for driller's signature

☒ Drillers log required

☒ E-logs required if run

☒ Core analysis required if run

☒ Drill stem test info. required if run

☐ Samples required

☒ Samples not required

WATER SAMPLES REQUIRED @

RECEIVED

DEC 16 1985

MISSOURI OIL & GAS COUNCIL

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

3/12/82

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐NAME OF COMPANY OR OPERATOR Emery Energy, Inc. DATE 9-1-81Box 519 Osawatomie, Kansas 66064-0519
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease Asjes	Well number C-10	Elevation (ground) 1083	
WELL LOCATION (give footage from section lines) <u>547</u> ft. from (N) 157 sec. line <u>159</u> ft. from (E) (W) sec. line			
WELL LOCATION Section <u>4</u> Township <u>46</u> Range <u>33</u>			County Cass
Nearest distance from proposed location to property or lease line: <u> </u> feet		Distance from proposed location to nearest drilling, completed or applied — for well on the same lease: <u>191</u> feet	
Proposed depth. 680	Rotary or Cable tools Rotary	Approx. date work will start 9-8-81	
Number of acres in lease: 110		Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>16</u> Number of abandoned wells on lease: <u>0</u>	
If lease, purchased with one or more wells drilled, from whom purchased: Name <u>McGown Drilling</u> Address <u>Mound City, Kansas</u>		No. of Wells: producing <u>4</u> inactive <u>1</u> abandoned <u>0</u>	
Status of Bond Single Well <input type="checkbox"/> Amt. <u> </u> Blanket Bond <input checked="" type="checkbox"/> Amt. <u>20,000</u> <input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.			
Proposed casing program:		Approved casing — To be filled in by State Geologist	
amt. <u>20</u>	size <u>7"</u>	wt./ft. <u>30#</u>	cem. <u>no</u>
<u>660</u>	<u>2-3/8</u>	<u>4.5</u>	<u>yes</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>Vice-President</u> of the <u>Emery Energy, Inc.</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
Signature <u>Steven M. Hurst</u>			

Permit Number: 20208Approval Date: 9/3/81Approved By: Wallace B. Dowe

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned for driller's signature☐ SAMPLES REQUIRED☒ SAMPLES NOT REQUIRED

WATER SAMPLES REQUIRED @:

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☒ Gas ☐ Dry ☐

Owner Emery Energy		Address RR1 Box 390 Osawatomie, KS	
Lease Name Asjes		Well Number C-10	66004
Location 547' ENL & 159' FEL		Sec. - TWP-Range or Block & Survey 4 46N 33W	
County Cass	Permit number (OGCJ number) 20208		
Date spudded 9-8-81	Date total depth reached 9-9-81	Date completed, ready to produce 11-14-81	Elevation (DF, RKB, RT or Gr.) 1083 feet
Total depth 636.0	P. B. T. D. 631.5		
Producing interval (s) for this completion		Rotary tools used (interval) From 0 to TD Drilling Fluid used water & air	Cable tools used (interval) From _____ to _____
Was this well directionally drilled? NO	Was directional survey made? NO	Was copy of directional survey filed? NO	Date filed 4/5/82
Type of electrical or other logs run (list logs filed with the State Geologist)			Date filed 4/5/82

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb/ft)	Depth set	Sacks cement	Amt pulled
Surface	9"	6 1/4"		20'		
Production	5 1/4"	2"		636.50	83 & 3	Rel

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		
				N/A	N/A	N/A	N/A

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
N/A		N/A	water Gel-0	clay- stab-
			sand- 0	
			sand- 0	

INITIAL PRODUCTION

Date of first production None		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) not on Pump Cemented IN					
Date of test None	Hrs. tested NA	Choke size NA	Oil prod. during test NA bbls.	Gas prod. during test NA MCF	Water prod. during test NA bbls.	Oil gravity 0 API (Corr.)	
Tubing pressure 0	Casing pressure 0	Cal'd rate of production per 24 hrs.	Oil NA bbls.	Gas NA MCF	Water NA bbls.	Gas-oil ratio NA	

Disposition of gas (state whether vented, used for fuel or sold):

N/A

Method of disposal of mud pit contents:

Hauled away

CERTIFICATE: I, the undersigned, state that I am the **V-Pres** of the **Emery Energy** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

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APR 22 1982

Signature

MO. OIL & GAS COUNCIL

Remit two copies: one will be returned.

MAY 03 1982

MO. OIL & GAS COUNCIL

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APR 12 1982

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0-8 soil
 8-50 lime
 50-81 shale
 81-91 lime
 91-115 shale
 115-122 lime
 122-125 carb shale
 125-170 shale
 170-208 lime
 208-212 carb shale
 212-237 lime
 237-240 carb shale
 240-252 lime (hertha)
 252-254 carb shale
 254-263 lime
 263-294 shale
 294-312 sandy shale
 312-351 shale
 351-366 sand
 366-383 shale
 383-386 carb shale
 386-402 sand
 402-434 shale
 434-437 carb shale
 437-442 lime
 442-445 carb shale
 445-449 lime
 449-452 carb shale
 452-455 coal
 455-461 lime
 461-475 sand
 475-486 shale
 486-493 lime
 493-496 carb shale
 496-550 shale
 550-554 sand
 554-556 shale
 556-570 sand
 570-602 shale
 602-605 sand
 605-615 lime
 615-640 shale TD